

**\*79998\***

Wednesday, February 08, 2012 3:32:44 PM

**Accept**

**\*N900040100\***

Setup Start \*NS1\*

Stop \*NS2\*

**Start Date:** 2/9/2012      **Start Qty:** 6.00      **\*6\***

**Cust Item ID:**

**Required Date:** 2/29/2012      **Req'd Qty:** 6.00      **\*6\***

**Customer:**

**Reference:**

Approvals: Process Plan: MF

Date: 12-02-08 Tooling:

Date:

Run Start \*NR1\*

**QC:**

**Date:** \_\_\_\_\_ **SPC (Y/N):** \_\_\_\_\_

Date:

Stop \*NR2\*

## Set Up/ Run Hours

Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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D4003 A

100

0.00

\*100\*

### Small Fab

## Memo

0.00

## Small Fab

1- Cut tube xxx" long

2- Bend as per dwg

110

QC5- Inspect part completeness to step on W/O

0.00

**\*110\***

QC

## Memo

0.00

## Quality Control

150

Chemical Conversion Coat per QSI005 4.1

0,00

**\*150\***

HandFinish

## Memo

0.00

## Hand Finishing

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

\*NOTE: Date & initial all entries

# Work Order ID 79998

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**\*79998\***

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Item ID: D4003-11 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Vent Pipe - Tank  
 Start Date: 2/9/2012 Start Qty: 6.00 **\*6\*** Cust Item ID:  
 Required Date: 2/29/2012 Req'd Qty: 6.00 **\*6\*** Customer:  
 Reference:

Approvals: Process Plan: Date: Tooling: Date: Run Start **\*NR1\***  
 QC: Date: SPC (Y/N): Date: Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160 <b>*160*</b> QC Quality Control	QC3- Inspect Part Finish  Memo	0.00  0.00							6X of M-12/02/13
170 <b>*170*</b> Packaging Packaging	Identify as per dwg & Stock Location <u>191</u>  Memo	0.00  0.00							12/2/14 S/A (6)
180 <b>*180*</b> QC Quality Control	QC21- Final Inspection - Work Order Release  Memo	0.00  0.00							HJ M.C.S 12/02/14

M.C.S  
12/02/14  
(6)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

# Picklist Print

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Work Order ID: 79998

Parent Item: D4003-11

Parent Item Name: Vent Pipe - Tank

Start Date: 2/9/2012

Required Date: 2/29/2012

Start Qty: 6.00

Required Qty: 6.00

Comments: IPP rev A 10.01.12 new issue prelim EC verified by:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M6061T6T0.500W.035 6061-T6 RD Tube .500 x.035W		Purchased	No			100	f	90.8600	1.97	11.82	FF	12-02-13	

Location

Loc Qty

Loc Code

MAT014

90.86

4692

90.86

11,82

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

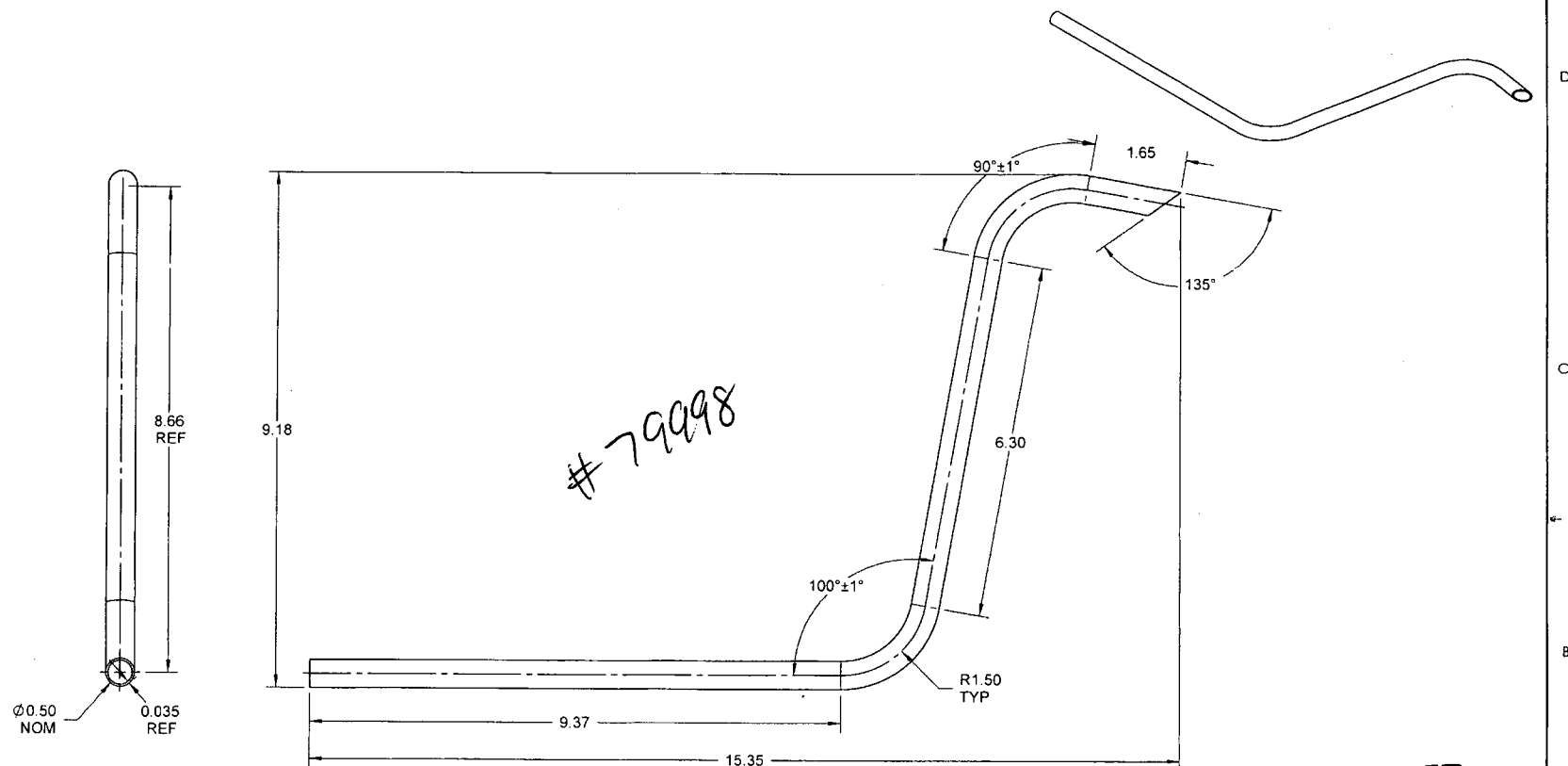
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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**NOTE:** Date & initial all entries

DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4003-11	JCA-M47-2-21



**D4003-11 VENT PIPE - TANK**

**RELEASED**  
2010-05-05  
MP

**NOTES:**

- 1) MATERIAL: 6061-T6 OR 6061-T62 ALUMINUM TUBING,  $\phi 0.500 \times 0.035$  WALL THICKNESS PER WW-T-700/6 OR AMS 4080 OR AMS 4082 OR QQ-A-200/8 OR QQ-A-225/8 REF DART SPEC M6061T60.500W.035
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4003-11" AND B/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 0.11 lbs

DESIGN		<b>DART AEROSPACE LTD</b>
DRAWN		HAWKESBURY, ONTARIO, CANADA
CHECKED		DRAWING NO. <b>D4003</b> REV. A
MFG. APPR.		SHEET 8 OF 9
APPROVED		TITLE <b>LINE</b> SCALE <b>NTS</b>
DE APPR.		
DATE	<b>10.02.05</b>	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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